

Message Text

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ORIGIN COME-00

INFO OCT-01 CIAE-00 DODE-00 EB-08 NSAE-00 USIA-06
TRSE-00 EUR-12 DOE-12 ISO-00 SOE-01 /040 R

DRAFTED BY COM/OEA MSKRAVETZ:BAW
APPROVED BY EB/EWT AREICHENBACH
EPWALINSKY, DIR/PPD/OEA/BTR
-----129431 230001Z /66

P 222354Z DEC 77
FM SECSTATE WASHDC
TO AMEMBASSY PARIS PRIORITY
INFO AMEMBASSY MOSCOW PRIORITY

C O N F I D E N T I A L STATE 305544

EXCON USOECD

E.O. 11652: XGDS-1

TAGS: ESTC, COCOM, UR

SUBJECT: EXPORT OF A COMPUTER SYSTEM TO THE USSR-IL 1565

REF: BTR CASE NOS. A. 280427 AND B. 283244 (BOTH IN PART)
(CONTROL DATA CORP.)

1) THE UNITED STATES DELEGATION IS REQUESTED TO SUBMIT THE
ATTACHED CASE UNDER THE URGENCY PROCEDURE PURSUANT TO
COCOM DOC REG (77)1, PARAGRAPH 4(B).

2) THE UNITED STATES AUTHORITIES HAVE BEEN ASKED TO
APPROVE THE EXPORT TO THE USSR OF THE FOLLOWING EQUIPMENT
WITH A TOTAL VALUE OF 2,684,699 DOLLARS AND COVERED BY IL
1565(D):

A. 1 TYPE CDC CYBER 172 COMPUTER SYSTEM (SEE ATTACHMENT 1
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FOR DETAILED EQUIPMENT LIST)

B. 1 TYPE 880-51 C.E. DISC PACK

3) THIS EQUIPMENT IS CONSIGNED TO HYDROMETEOROLOGICAL
RESEARCH CENTER OF THE USSR, BOLSHEVISTSKAYA STREET 9/13,
MOSCOW, WHERE IT WILL BE USED IN WEATHER RESEARCH AND

FORECASTING.

4) THE CYBER 172 IS A GENERAL PURPOSE INSTRUMENT. THE CENTRAL PROCESSOR HAS A PDP OF 28.9 MBITS/SECOND, A CPU BUS RATE OF 62.0 MBITS/SECOND, AND AN INTERNAL MEMORY OF 5.9 MBITS IN THE CONFIGURATION PROPOSED FOR EXPORT.

5) THE SYSTEM CONFIGURATION INCLUDES FOUR DISC DRIVES OF THE 100 MBYTE CLASS (TYPE 844-21) WITH A CAPACITY PER SPINDLE OF 712 MBITS; AVERAGE ACCESS TIME OF 33.33 MILLI-SECONDS; EFFECTIVE BIT TRANSFER RATE OF 2.437 MBITS/SECOND; AND A MEMORY PERFORMANCE FACTOR OF 117,000.

6) THE CDC 7154 DISC CONTROLLER IS USED TO INTERFACE THE DRIVES TO THE CENTRAL PROCESSOR. THIS CONTROLLER IS A SMALL PROGRAMMED PROCESSOR IN ITS OWN RIGHT AND PERMITS SIMULTANEOUS READ/WRITE AND SEEK OPERATIONS.

7) THERE ARE A TOTAL OF EIGHT MAGNETIC TAPE TRANSPORTS INCLUDED IN THE SYSTEM CONFIGURATION. SIX OF THE TAPE DRIVES ARE THE MODEL 669-4. THAT TAPE DRIVE RECORDS DATA AT EITHER 800 OR 1600 BPI IN 9-TRACK FORMAT ON STANDARD 1/2 INCH COMPUTER TAPE. THE SPEED OF THIS DRIVE IS 200 INCHES/SECOND. THE EFFECTIVE BIT TRANSFER OF THIS DRIVE IS 2.56 MBITS/SECOND (LESS PARITY BITS). TWO ADDITIONAL TYPE 677-4 MAGNETIC TAPE DRIVES ARE ALSO IN-CONFIDENTIAL

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CLUDED IN THE CONFIGURATION. THIS IS AN 800 BPI DRIVE, ALSO WITH A SPEED OF 200 INCHES/SECOND. THE EFFECTIVE BIT TRANSFER RATE OF THIS DRIVE IS 0.96 MBITS/SECOND (LESS PARITY BITS).

8) THE SYSTEM CONFIGURATION ALSO INCLUDES ONE CARD READER, ONE CARD PUNCH AND TWO IMPACT TYPE LINE PRINTERS (1200 LINES/MINUTE). THE 880-51 C.E. DISC PACK IS COMPATIBLE WITH THE 844 DISC DRIVE, AND IS USED FOR TESTING AND MAINTENANCE OF THE DISC DRIVES, PARTICULARLY FOR TESTING HEAD POSITION. BROCHURES DESCRIBING THIS EQUIPMENT HAVE BEEN DEPOSITED WITH THE SECRETARIAT.

9) A COMPARISON OF PROPOSED SYSTEM PARAMETERS WITH NOTE 12(G) TO IL 1565 AND A BLOCK DIAGRAM OF THE PROPOSED SYSTEMS ARE PROVIDED AS ATTACHMENTS 2 AND 3, RESPECTIVELY. THE U.S. AUTHORITIES NOTE THAT THIS EQUIPMENT WOULD QUALIFY FOR EXPORT UNDER THE PROCEDURE OF NOTE 12 SUBITEM (G) BUT FOR THE FACT THAT THE U.S. AUTHORITIES HAVE NOT AS YET RECEIVED ALL THE DOCUMENTATION REQUIRED BY THAT SUBITEM. THEY ARE, THEREFORE, SUBMITTING THIS TRANSACTION AS AN AD HOC CASE UNDER THE GENERAL EXCEPTION PROCEDURE. THEY

CONSIDER THE DESCRIBED SYSTEM AS ONE USED PRIMARILY IN THE CIVIL SECTOR AND ARE SATISFIED THAT IT WILL BE USED IN THE CITED END-USE APPLICATIONS.

10) THE UNITED STATES AUTHORITIES INTEND TO IMPOSE A TWO-YEAR MONTHLY VISITATION AND REPORTING AND REQUIREMENT ON THIS TRANSACTION, TO BE FOLLOWED BY A SUBSEQUENT PERIOD OF FOUR YEAR QUARTERLY VISITATION AND REPORTING.

11) THE UNITED STATES AUTHORITIES CONSIDER THIS EXPORT REASONABLE AND APPROPRIATE FOR THE STATE END-USE. THEY IN COCOM DOC REG (77)1, PARAGRAPH 4(B), AS APPLICANT STANDS TO LOSE ORDER IF NOT SHIPPED AS SOON AS POSSIBLE. U.S. AUTHORITIES WOULD APPRECIATE THE VIEWS OF MEMBER CONFIDENTIAL

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GOVERNMENTS.

FYI--1) BROCHURES, ATTACHMENTS AND SOVIET END USER STATEMENT WERE AIRMAILED FROM COMMERCE 12/19/77.

2) U.S. DEL IS REQUESTED TO SUBMIT THIS CASE TO COCOM WITHOUT CHANGE.

3) SUBJECT CASE IS ONE-THIRD PART OF AN OVERALL CDC COMPUTER SYSTEM FOR WEATHER REPORTING TO THE USSR. THE BALANCE OF THE SYSTEM COMPRISING A DUAL CYBER 18 (WHICH WASHINGTON AGENCIES WOULD LIKE TO BE DOWNGRADED TO NOTE 4 OF IL 1565 FOR QUALIFICATION UNDER IN 20), AND A TYPE CYBERDATA KEY ENTRY SYSTEM WHICH QUALIFIES FOR NOTES 9(E) TREATMENT, WILL BE FORTHCOMING AS SOON AS INTERAGENCY APPROVAL HAS BEEN RECEIVED. IN ADDITION THERE WILL ALSO BE TWO TYPE 475 SCOPES FOR MAINTENANCE OF THE PROPOSED COMPUTER SYSTEMS.

4) FOR GUIDANCE OF USDEL, THE LESS STRINGENT SAFEGUARDS (2 YEARS MONTHLY, FOUR YEARS QUARTERLY) REQUIRED FOR THE SUBJECT US/USSR TRANSACTION AS COMPARED TO THE JAPANESE/PRC WEATHER COMPUTER SYSTEM (COCOM DOC. (77)118) FOR WHICH THE USG IS NEGOTIATING FINAL CONDITIONS WITH JAPANESE, IS BASED ON THE MUCH SMALLER CAPABILITY OF THE US CASE. IT DOES NOT EXCEED THE LIMITS OF NOTE 12 (G) AND IS CONSISTENT WITH THE CONDITIONS PREVIOUSLY AGREED TO BY THE COMMITTEE FOR A SYSTEM WITH THIS PERFORMANCE RATING UNDER THE FAVORABLE CONSIDERATION CRITERIA. THE HITACHI TRANSACTION, CONSISTING OF AN M-170 AND TWO M-160II COMPUTERS, EXCEEDS THE NOTE 12 (G) PARAMETERS IN 5 AND 4 INSTANCES, RESPECTIVELY. U.S. APPROVAL ON THE HITACHI CASE IS BEING BASED ON THREE-YEARS RESIDENCY, THREE YEARS QUARTERLY REPORTING, CONFIDENTIAL

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PLUS INVOLVEMENT BY THE JAPANESE GOVERNMENT IN MONITORING
PEKING WEATHER BROADCASTS -- A CONDITION WE ARE STILL
DISCUSSING WITH THE JAPANESE BUT NOT BEEN MENTIONED IN
COCOM FOR POLITICAL REASONS.

AT HIS DISCRETION, USDEL MAY DRAW UPON THE INFORMATION CON-
TAINED IN THIS PARAGRAPH IF QUESTIONED IN COMMITTEE RE THE
DIFFERENCES IN SAFEGUARD CONDITIONS ATTACHED TO THIS CDC
CASE AND THAT IN COCOM DOC (77)118. VANCE

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: EXPORTS, COMPUTERS
Control Number: n/a
Copy: SINGLE
Sent Date: 22-Dec-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977STATE305544
Document Source: CORE
Document Unique ID: 00
Drafter: BAW
Enclosure: n/a
Executive Order: X1
Errors: N/A
Expiration:
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Format: TEL
From: STATE
Handling Restrictions: n/a
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Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
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Retention: 0
Review Action: RELEASED, APPROVED
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Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 143543
Secure: OPEN
Status: NATIVE
Subject: EXPORT OF A COMPUTER SYSTEM TO THE USSR-IL 1565
TAGS: ESTC, UR, COCOM
To: PARIS
Type: TE
vdkgvwkey: odbc://SAS/SAS.dbo.SAS_Docs/cbcfcafd-c188-dd11-92da-001cc4696bcc
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Margaret P. Grafeld
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